

Iowa Crops & Weather



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For the week ending September 23, 2007

HARVEST STARTS

Agricultural Summary: Harvest of both corn and soybeans is underway. Early varieties of corn and lodged corn are being harvested first. The frost of a week ago accelerated crop maturation. Pastures are keeping up with grazing as areas receive timely rain showers. Livestock conditions are good.

There were 5.2 days suitable for fieldwork, compared to 3.3 days a year ago. Topsoil moisture rated 1 percent very short, 5 percent short, 88 percent adequate, and 6 percent surplus across the state. Subsoil moisture rated 2 percent very short, 5 percent short, 86 percent adequate, and 7 percent surplus.

Field Crops Report: Eighty-five percent of the corn has reached maturity, ahead of both last year's 79 percent and the five-year average of 73 percent. Statewide, the percent moisture of corn in the field is 24 percent. Seven percent of the corn has been harvested. The percent moisture of corn currently being harvested is 19 percent. Corn lodging across the state is 58 percent none, 27 percent light, 10 percent moderate, and 5 percent heavy. Corn condition rated 2 percent very poor, 6 percent poor, 20 percent fair, 51 percent good, and 21 percent excellent. Soybeans dropping leaves is at 83 percent, 6 percentage points ahead of last year and 5 percentage points ahead of the five-year average. Soybeans shattering is 87 percent none, 11 percent light, 2 percent moderate, and zero percent heavy. Eleven percent of the soybeans have been harvested. Soybean condition remained unchanged at 1 percent

very poor, 5 percent poor, 20 percent fair, 54 percent good, and 20 percent excellent.

Livestock and Pasture Report: Pasture condition rated 2 percent very poor, 7 percent poor, 24 percent fair, 51 percent good, and 16 percent excellent.

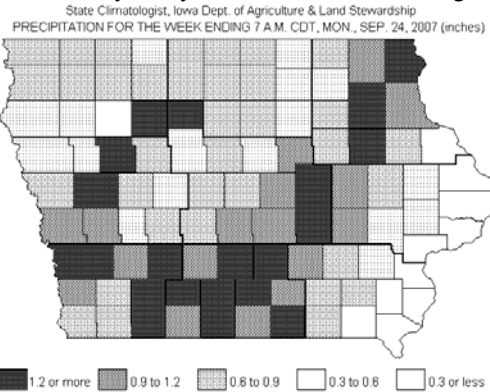
IOWA PRELIMINARY WEATHER SUMMARY Provided by State Climatologist Harry Hillaker

It was an unseasonably warm week across Iowa. Temperatures were well above normal except for brief cool downs on Wednesday (19th) and Saturday (22nd). Afternoon temperatures reached 92 degrees at Spencer on Monday (17th) and 93 degrees at Burlington on both Friday (21st) and Sunday (23rd). Sibley reported the lowest temperature of the week with a Saturday (22nd) morning low of 39 degrees. Temperatures for the week as a whole averaged 7.8 degrees above normal. Most of the week's rain was associated with a pair of cold fronts. The first brought thunderstorms statewide on Tuesday (18th) along with high wind reports from 19 counties from west central to northeast Iowa. The second front set off thunderstorms over the southeastern two-thirds of the state on Friday (21st) with high winds reported from another 7 counties in northeast and east central Iowa. Weekly rain totals varied from only 0.04 inches at Burlington and Davenport to 2.25 inches at Wall Lake in Sac county. The statewide average precipitation amount was 0.81 inches, just slightly less than the weekly normal of 0.87 inches.

| Statewide Crop Conditions as of September 23, 2007 | | | | | |
|--|-----------|---------|---------|---------|-----------|
| Item | Very Poor | Poor | Fair | Good | Excellent |
| | Percent | Percent | Percent | Percent | Percent |
| Corn | 2 | 6 | 20 | 51 | 21 |
| Hay, all | 2 | 9 | 29 | 47 | 13 |
| Range & Pasture | 2 | 7 | 24 | 51 | 16 |
| Soybeans | 1 | 5 | 20 | 54 | 20 |

| Statewide Harvesting Conditions as of September 23, 2007 | | | | |
|--|---------|---------|----------|---------|
| Item | None | Light | Moderate | Heavy |
| | Percent | Percent | Percent | Percent |
| Corn lodging | 58 | 27 | 10 | 5 |
| Corn ear droppage | 80 | 16 | 4 | 0 |
| Soybeans lodging | 78 | 16 | 5 | 1 |
| Soybeans shattering | 87 | 11 | 2 | 0 |

PRELIMINARY IOWA PRECIPITATION Provided by Harry Hillaker, State Climatologist



| Field Work and Crop Progress as of September 23, 2007 | | | | | | | | | | | | | |
|---|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|-----------|---------|
| Item | Districts | | | | | | | | | State | Last Week | Last Year | Normal |
| | NW | NC | NE | WC | C | EC | SW | SC | SE | | | | |
| | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent |
| Corn mature (safe from frost) | 87 | 85 | 89 | 83 | 83 | 94 | 81 | 67 | 91 | 85 | 69 | 79 | 73 |
| Soybeans dropping leaves | 92 | 99 | 92 | 88 | 86 | 88 | 56 | 44 | 64 | 83 | 54 | 77 | 78 |

| Days Suitable & Soil Moisture Condition as of September 23, 2007 | | | | | | | | | | | | |
|--|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|-----------|
| Item | Districts | | | | | | | | | State | Last Week | Last Year |
| | NW | NC | NE | WC | C | EC | SW | SC | SE | | | |
| Days suitable | Days | Days | Days | Days | Days | Days | Days | Days | Days | Days | Days | Days |
| | 4.5 | 5.5 | 5.5 | 4.8 | 5.0 | 5.7 | 5.3 | 5.2 | 6.2 | 5.2 | 5.7 | 3.3 |
| Topsoil moisture | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent |
| | Very short | 3 | 0 | 0 | 0 | 1 | 0 | 2 | 1 | 1 | 0 | 2 |
| Short | 6 | 5 | 1 | 4 | 3 | 4 | 6 | 5 | 14 | 5 | 4 | 7 |
| Adequate | 89 | 93 | 90 | 88 | 84 | 93 | 92 | 84 | 81 | 88 | 89 | 74 |
| Surplus | 2 | 2 | 9 | 8 | 13 | 2 | 2 | 9 | 4 | 6 | 7 | 17 |
| Subsoil moisture | Very short | 5 | 0 | 0 | 2 | 0 | 0 | 3 | 1 | 2 | 1 | 5 |
| | Short | 7 | 3 | 1 | 7 | 4 | 2 | 6 | 7 | 5 | 5 | 19 |
| Adequate | 83 | 93 | 87 | 83 | 80 | 92 | 92 | 87 | 85 | 86 | 83 | 67 |
| Surplus | 5 | 4 | 12 | 8 | 16 | 4 | 2 | 3 | 5 | 7 | 11 | 9 |

| Weather Summary For Iowa Agricultural Statistics Service For the week ending: Sunday, September 23, 2007, Prepared by AWIS, Inc. | | | | | | | | | | |
|---|--------------|----|-----|-----|---------------|-------|---------------|-------|--------------|-----|
| STATION | CURRENT WEEK | | | | | | SINCE APRIL 1 | | CURRENT WEEK | |
| | TEMPERATURE | | | | PRECIPITATION | | PRECIPITATION | | GDD BASE 50F | |
| | HI | LO | AVG | DFN | TOTAL | DFN | TOTAL | DFN | TOTAL | DFN |
| North West District | | | | | | | | | | |
| Estherville | 91 | 42 | 68 | 11 | 0.47 | -0.29 | 20.45 | 0.46 | 129 | 71 |
| Sioux Center | 90 | 41 | 71 | 10 | 0.59 | -0.10 | 20.49 | 0.98 | 147 | 70 |
| Spencer | 92 | 41 | 69 | 11 | 0.75 | 0.01 | 19.41 | -1.43 | 133 | 68 |
| Spirit Lake | 89 | 47 | 69 | 11 | 0.67 | -0.06 | 22.82 | 3.01 | 133 | 37 |
| North Central District | | | | | | | | | | |
| Britt | 89 | 44 | 66 | 5 | 0.96 | 0.13 | 28.23 | 6.50 | 112 | 33 |
| Humboldt | 86 | 40 | 65 | 4 | 1.25 | 0.44 | 33.82 | 11.50 | 104 | 33 |
| Mason City | 90 | 42 | 68 | 10 | 0.63 | -0.24 | 29.28 | 6.28 | 130 | 66 |
| Osage | 87 | 46 | 66 | 7 | 0.28 | -0.66 | 25.17 | 1.54 | 113 | 29 |
| North East District | | | | | | | | | | |
| Decorah | 87 | 44 | 69 | 9 | 0.92 | 0.04 | 35.85 | 13.23 | 139 | 63 |
| Dubuque | 85 | 43 | 67 | 7 | 0.12 | -0.94 | 26.28 | 1.72 | 121 | 50 |
| Elkader | 89 | 43 | 66 | 6 | 0.99 | 0.18 | 35.16 | 12.80 | 115 | 17 |
| Fayette | 88 | 45 | 66 | 7 | 1.66 | 0.82 | 35.37 | 11.91 | 114 | 41 |
| Waterloo | 89 | 44 | 69 | 9 | 0.80 | -0.03 | 31.74 | 8.67 | 134 | 61 |
| West Central District | | | | | | | | | | |
| Carroll | 88 | 43 | 67 | 7 | 0.64 | -0.18 | 27.36 | 3.88 | 120 | 45 |
| Castana | 87 | 46 | 66 | 5 | 1.29 | 0.46 | 29.52 | 8.53 | 113 | 37 |
| Guthrie Center | 88 | 41 | 67 | 6 | 1.35 | 0.50 | 42.51 | 19.30 | 123 | 40 |
| Harlan | 88 | 44 | 67 | 5 | 0.76 | -0.35 | 31.72 | 8.86 | 119 | 42 |
| Jefferson | 88 | 46 | 67 | 7 | 0.78 | -0.04 | 28.16 | 4.68 | 122 | 47 |
| Logan | 89 | 44 | 67 | 6 | 0.89 | 0.04 | 32.54 | 10.82 | 124 | 35 |
| Rockwell City | 87 | 45 | 66 | 5 | 1.24 | 0.37 | 34.75 | 12.16 | 114 | 29 |
| Sac City | 88 | 44 | 66 | 6 | 1.90 | 1.03 | 34.66 | 12.46 | 111 | 39 |
| Sioux City | 91 | 42 | 69 | 8 | 0.47 | -0.20 | 28.04 | 9.81 | 133 | 51 |
| Central District | | | | | | | | | | |
| Boone | 87 | 44 | 66 | 5 | 0.91 | 0.08 | 33.51 | 9.79 | 117 | 35 |
| Des Moines | 88 | 50 | 70 | 7 | 0.53 | -0.26 | 26.80 | 4.55 | 142 | 46 |
| Grundy Center | 88 | 44 | 67 | 8 | 1.16 | 0.39 | 35.52 | 12.77 | 120 | 52 |
| Marshalltown | 88 | 44 | 69 | 9 | 0.96 | 0.14 | 24.53 | 0.66 | 131 | 58 |
| Newton | 88 | 49 | 68 | 6 | 0.82 | -0.11 | 27.09 | 4.25 | 127 | 41 |
| Perry | 87 | 44 | 67 | 7 | 1.00 | 0.23 | 29.94 | 7.42 | 120 | 43 |
| Toledo | 88 | 45 | 67 | 7 | 1.05 | 0.23 | 26.66 | 2.57 | 121 | 47 |
| East Central District | | | | | | | | | | |
| Cedar Rapids | 87 | 47 | 68 | 7 | 0.77 | -0.12 | 24.90 | 2.22 | 130 | 46 |
| Davenport | 89 | 47 | 71 | 8 | 0.04 | -0.71 | 29.00 | 6.92 | 146 | 50 |
| Iowa City | 88 | 49 | 70 | 6 | 0.25 | -0.64 | 25.18 | 0.51 | 145 | 42 |
| Lowden | 90 | 43 | 67 | 6 | 0.36 | -0.60 | 26.57 | 1.51 | 119 | 36 |
| Maquoketa | 88 | 46 | 66 | 7 | 0.27 | -0.67 | 26.48 | 3.52 | 114 | 41 |
| Muscatine | 89 | 48 | 70 | 6 | 0.38 | -0.52 | 28.16 | 5.00 | 142 | 69 |
| South West District | | | | | | | | | | |
| Atlantic | 89 | 46 | 70 | 10 | 0.56 | -0.42 | 29.11 | 7.47 | 144 | 65 |
| Clarinda | 89 | 45 | 68 | 6 | 0.86 | -0.16 | 32.60 | 7.08 | 127 | 38 |
| Glenwood | 90 | 44 | 68 | 6 | 1.43 | 0.54 | 32.98 | 9.86 | 130 | 32 |
| Red Oak | 88 | 47 | 69 | 5 | 0.89 | -0.13 | 35.32 | 10.11 | 132 | 33 |
| Sidney | 88 | 49 | 69 | 5 | 0.84 | -0.07 | 29.01 | 5.20 | 130 | 32 |
| South Central District | | | | | | | | | | |
| Allerton | 84 | 50 | 68 | 5 | 1.15 | 0.08 | 38.12 | 13.96 | 125 | 70 |
| Beaconsfield | 86 | 48 | 69 | 7 | 1.10 | 0.09 | 31.54 | 8.19 | 134 | 48 |
| Chariton | 87 | 43 | 66 | 4 | 1.55 | 0.37 | 32.90 | 8.12 | 112 | 25 |
| Indianola | 85 | 45 | 66 | 4 | 1.69 | 0.80 | 30.07 | 7.02 | 112 | 26 |
| Leon | 87 | 45 | 67 | 5 | 1.13 | 0.16 | 33.36 | 9.14 | 119 | 30 |
| South East District | | | | | | | | | | |
| Bloomfield | 87 | 51 | 70 | 7 | 0.64 | -0.42 | 32.94 | 8.41 | 141 | 41 |
| Burlington | 93 | 55 | 75 | 12 | 0.04 | -0.94 | 24.91 | 2.23 | 178 | 79 |
| Ottumwa | 87 | 46 | 70 | 6 | 0.61 | -0.39 | 31.49 | 8.76 | 140 | 42 |
| Washington | 89 | 46 | 69 | 5 | 0.89 | -0.06 | 35.01 | 12.86 | 137 | 60 |

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2007: AWIS, Inc. All Rights Reserved.

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